

**Holweger, Todd L.**

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**From:** Holweger, Todd L.  
**Sent:** Monday, November 07, 2016 1:34 PM  
**To:** Derrall W. Romine (Romine@Dawson3D.com)  
**Cc:** 'Matthew Michaeli'  
**Subject:** East Parshall 3-D & Greenbush 2-D

Darrall:

Please submit paperwork for the above captioned seismic projects.

**East Parshall 3-D:** Plugging report, Plugging affidavit and company landowner notification affidavit.

**Greenbush 2-D:** Completion report, Completion affidavit and company landowner notification affidavit.

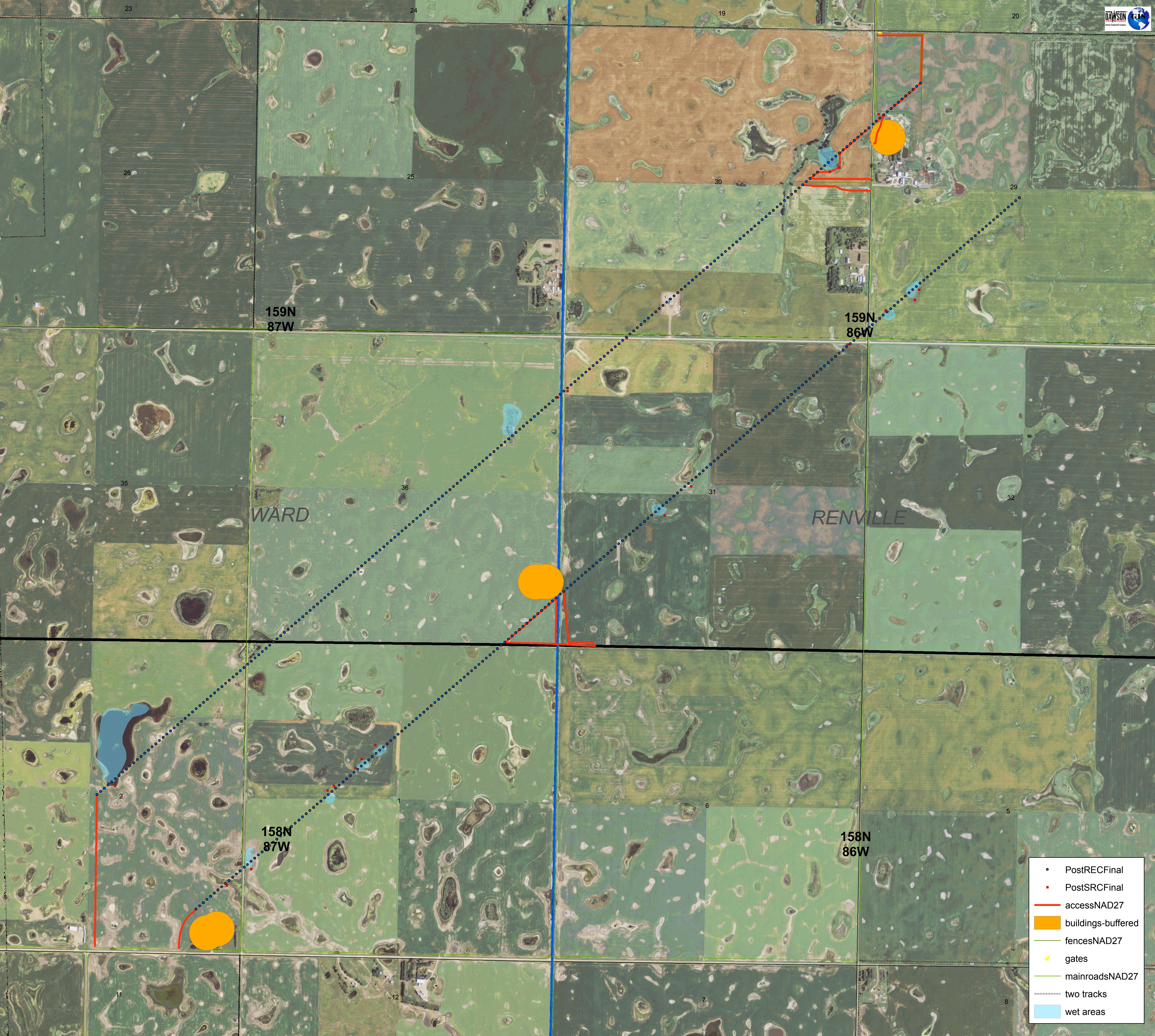
Thank you,

**Todd L. Holweger**

Permit Manager

[NDIC-DMR-OGD](#)

(701) 328-8024

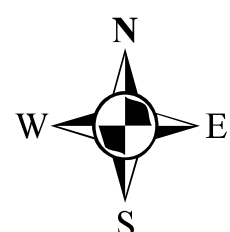


- PostRECFinal
- PostSRCFinal
- accessNAD27
- buildings-buffered
- fencesNAD27
- gates
- mainroadsNAD27
- two tracks
- wet areas

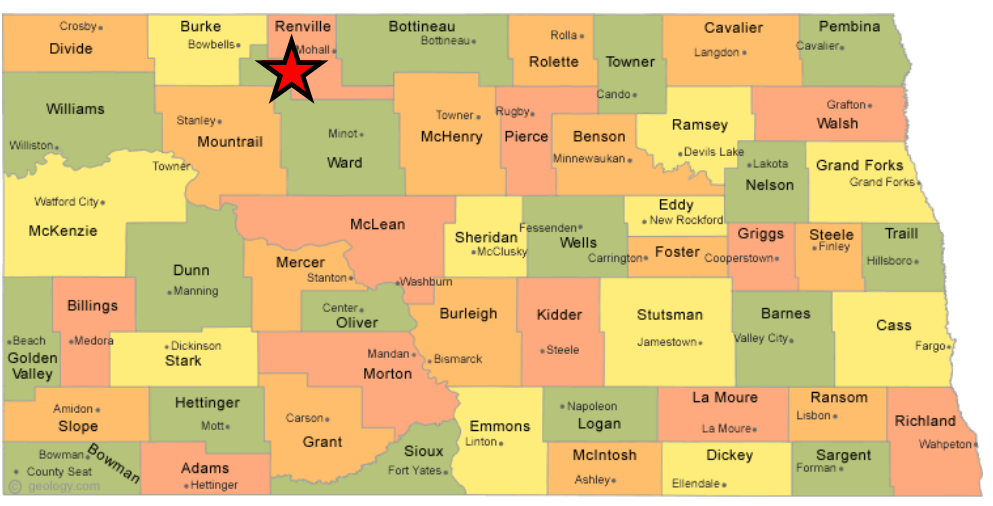
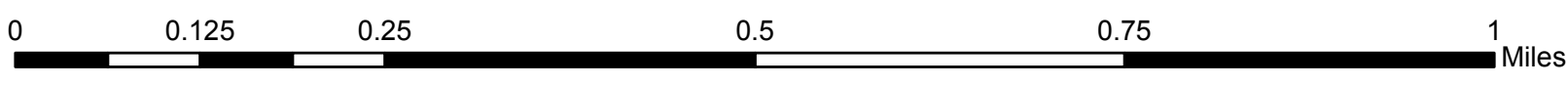
State: North Dakota  
County(s): Ward, Renville  
Projection: Lambert Conformal Conic Two Parallel  
Coordinate System: U.S State Plane  
Units: U.S Survey Feet  
Zone: ND North  
Datum: NAD 27  
Ellipsoid: Clarke 1866

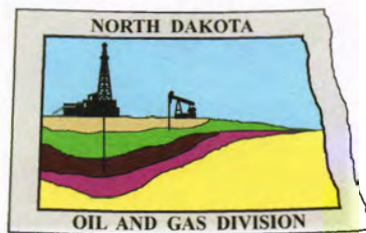


DAWSON GEOSPATIAL COMPANY SHALL NOT BE RESPONSIBLE FOR ANY DECISIONS MADE USING THE USE OF THIS DATA.  
While this data is made available for viewing purposes, it is not intended for the intended use of Dawson Geospatial and shall not be used to claim title to the property or other rights. This is not a legal survey document.



# Greenbush 2D





# Oil and Gas Division

Lynn D. Helms - Director

Bruce E. Hicks - Assistant Director

**Department of Mineral Resources**

Lynn D. Helms - Director

**North Dakota Industrial Commission**

[www.dmr.nd.gov/oilgas/](http://www.dmr.nd.gov/oilgas/)

DECEMBER 13, 2013

DERRALL W. ROMINE  
DAWSON GEOPHYSICAL COMPANY  
508 WEST WALL STREET  
STE 800  
MIDLAND, TX 79701

RE: GREENBUSH 2-D  
GEOPHYSICAL EXPLORATION PERMIT # 970245  
RENVILLE & WARD COUNTIES  
NON-EXPLOSIVE METHOD

Dear DERRALL:

Please be advised that we are in receipt of your Geophysical Exploration permit application and it is conditionally approved; effective for one year from DECEMBER 13, 2013. **PURSUANT TO NDAC 43-02-12-05 (DISTANCE RESTRICTION) non-explosive exploration method may not be conducted not less than 300 feet from a water well, building, underground cistern, pipelines, and flowing spring. In addition, pursuant to NDAC 43-02-12-06 (NOTIFICATION OF WORK PERFORMED), "The director is authorized to suspend operations of the entire geophysical project, or any portion thereof, if further activity will cause excessive damage to the surface of the land".**

**Be advised that a military installation is within the confines of this project.**

Review the following conditions for your permit:

1. A pre-program meeting with state seismic inspector Tom Torstenson is required. You must contact him at 701-290-1546 (cell) or 701-227-7436 at least 24 hours prior to any exploration operations. Also, a copy of the entire permit is required for all contractors at the pre-program meeting.
2. All variances for distance restrictions are to be furnished, and a pre-plot map displaying any source points that do not comply with the distance restriction rule must be supplied to the inspector.

3. The following information must be submitted within 30 days of the completion of the project by the Geophysical Company:
  - a. Completion Report,
  - b. Completion Affidavit,
  - c. Post Plot Map. It must show all water wells, buildings, underground cisterns, pipelines, and flowing springs that fall within the program area and within one half mile of the perimeter of the program.
  - d. SD card or email: [ttorstenson@nd.gov](mailto:ttorstenson@nd.gov) with all source and receiver points,
  - e. Letter stating that the Geophysical Company has given all surface owner's a copy of the Section and Chapter of the NDCC as stated in paragraph 5.
4. The following information must be submitted within 30 days of the completion of the project by the SUBCONTRACTOR(s) (when applicable):
  - a. Plugging Report
  - b. Plugging Affidavit
5. It is required that within seven days of initial contact between the permitting agent and the operator of the land, the permitting agent shall provide the operator of the land and each landowner owning land within one-half mile of the land on which geophysical exploration activities are to be conducted a written copy of NDCC Section 38-08.1-04.1 (Exploration Permit) and NDCC Chapter 38-11.1 (Oil and Gas Production Damage Compensation). The permitting agent shall file an affidavit with this office confirming compliance with such notification. For your convenience, a copy of both Sections are enclosed.
6. The permit agent shall notify the operator of the land at least seven days before commencement of any geophysical exploration activity, unless waived by mutual agreement of both parties. The notice must include the approximate time schedule and the location of the planned activity.
7. Information regarding the location of water wells, springs, etc.; refer to the following ND State Water Commission Mapservice website, at: <http://mapservice.swc.state.nd.us/>
8. The entire permit can be viewed, as well as the status of various seismic projects in the state, at: <https://www.dmr.nd.gov/oilgas/seismic/seismicstats.asp>

Should you have any questions regarding this matter, feel free to contact me at 701-328-8020, or Tom Torstenson at the number listed in paragraph 1.

Sincerely,



Todd L. Holweger  
DMR Permit Manager



# GEOPHYSICAL EXPLORATION PERMIT - FORM GE 1

INDUSTRIAL COMMISSION OF NORTH DAKOTA  
OIL AND GAS DIVISION  
600 EAST BOULEVARD DEPT 405  
BISMARCK, ND 58505-0840  
SFN 51459 (03-2011)



1) a. Company <b>Dawson Geophysical Company</b>		Address <b>508 W Wall, Ste 800, Midland, TX 79701</b>			
Contact <b>Derrall W. Romine</b>		Telephone <b>(432) 681-3000</b>		Fax <b>(432) 684-3030</b>	
Surety Company <b>U.S. Specialty Ins. Co.</b>		Bond Amount <b>\$50,000.00</b>		Bond Number <b>B005272</b>	
2) a. Subcontractor(s)		Address		Telephone	
b. Subcontractor(s)		Address		Telephone	
3) Party Manager <b>Derrall W. Romine</b>		Address (local)		Telephone (local) <b>(248) 719-6178</b>	
4) Project Name or Line Numbers <b>Greenbush 2D</b>					
5) Exploration Method (Shot Hole, Non-Explosive, 2D, 3D, Other) <b>2D Vibroseis Non-Explosive</b>					
6) Distance Restrictions (Must check all that apply) <input checked="" type="checkbox"/> 300 feet - NonExplosive - Distance setbacks apply to water wells, buildings, underground cisterns, pipelines, and flowing springs. <input type="checkbox"/> 660 feet - Shot Hole - Distance setbacks apply to water wells, buildings, underground cisterns, pipelines, and flowing springs.					
7) Size of Hole 3-D	Amt of Charge	Depth	Source points per sq. mi.	No. of sq. mi.	
Size of Hole 2-D	Amt of Charge <b>NA</b>	Depth <b>NA</b>	Source points per ln. mi. <b>63</b>	No. of ln. mi. <b>7 miles</b>	
8) Approximate Start Date <b>December 16th, 2013</b>			Approximate Completion Date <b>December 19th, 2013</b>		

THE COMMISSION MUST BE NOTIFIED AT LEAST 24 HOURS IN ADVANCE OF COMMENCEMENT OF GEOPHYSICAL OPERATIONS

9) Location of Proposed Project - County <b>Renville and Ward Counties</b>			
Section(s), Township(s) & Range(s)	Section <b>See Exhibit "A"</b>	T.	R.
	Section <b>See Map Attachment</b>	T.	R.
	Section	T.	R.
	Section	T.	R.
	Section	T.	R.
	Section	T.	R.

I hereby swear or affirm that the information provided is true, complete and correct as determined from all available records.			Date <b>December 12, 2013</b>
Signature 	Printed Name <b>Matt Michaeli</b>	Title <b>Permit Agent</b>	
Email Address(es) <b>matt@michaeliland.com</b>			

(This space for State office use)		<b>Permit Conditions</b>  * Permit in hand required at pre-program meeting with field inspector and be aware of all NDIC Rules and Regulations (i.e. distance restrictions).  * See attached letter.
Permit No. <b>970245</b>	Approval Date <b>12/13/13</b>	
Approved by 		
Title <b>Mineral Resources Permit Manager</b>		

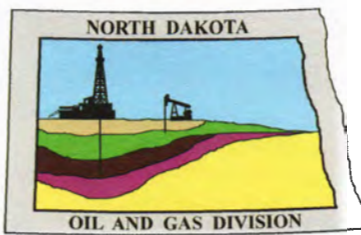
**Greenbush 2D**

**Dawson Geophysical Company**

**Dunn County, North Dakota**

**Form GE 1 Exhibit "A" Legal Description**

Township	Range	Sections
159 N	87 W	36
159 N	86 W	29, 30, 31
158 N	87 W	1-2



# Oil and Gas Division

Lynn D. Helms - Director

Bruce E. Hicks - Assistant Director

**Department of Mineral Resources**

Lynn D. Helms - Director

**North Dakota Industrial Commission**

[www.dmr.nd.gov/oilgas/](http://www.dmr.nd.gov/oilgas/)

DECEMBER 13, 2013

The Honorable LeAnn Fisher  
Renville County Auditor  
P.O. Box 68  
Mohall, ND 58761-0068

RE: Geophysical Exploration  
Permit # 970245

Dear Ms. Fisher:

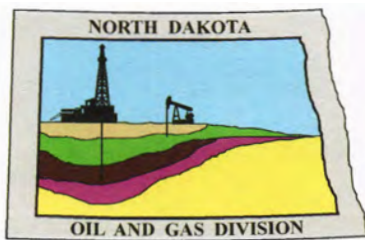
Pursuant to Section 38-08.1-04.2 of the North Dakota Century Code, please be advised that DAWSON GEOPHYSICAL was issued the above captioned permit on DECEMBER 13, 2013 and will remain in effect for a period of one year. The entire permit can be viewed on our website at: <https://www.dmr.nd.gov/oilgas/seismic/seismicstats.asp>.

Should you have any questions, please contact our office.

Sincerely,

A handwritten signature in black ink, reading "Todd L. Holweger".

Todd L. Holweger  
Mineral Resources Permit Manager



# Oil and Gas Division

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DECEMBER 13, 2013

The Honorable Devera Smestad  
Ward County Auditor  
P.O. BOX 5005  
Minot, ND 58702-5005

RE: Geophysical Exploration  
Permit # 970245

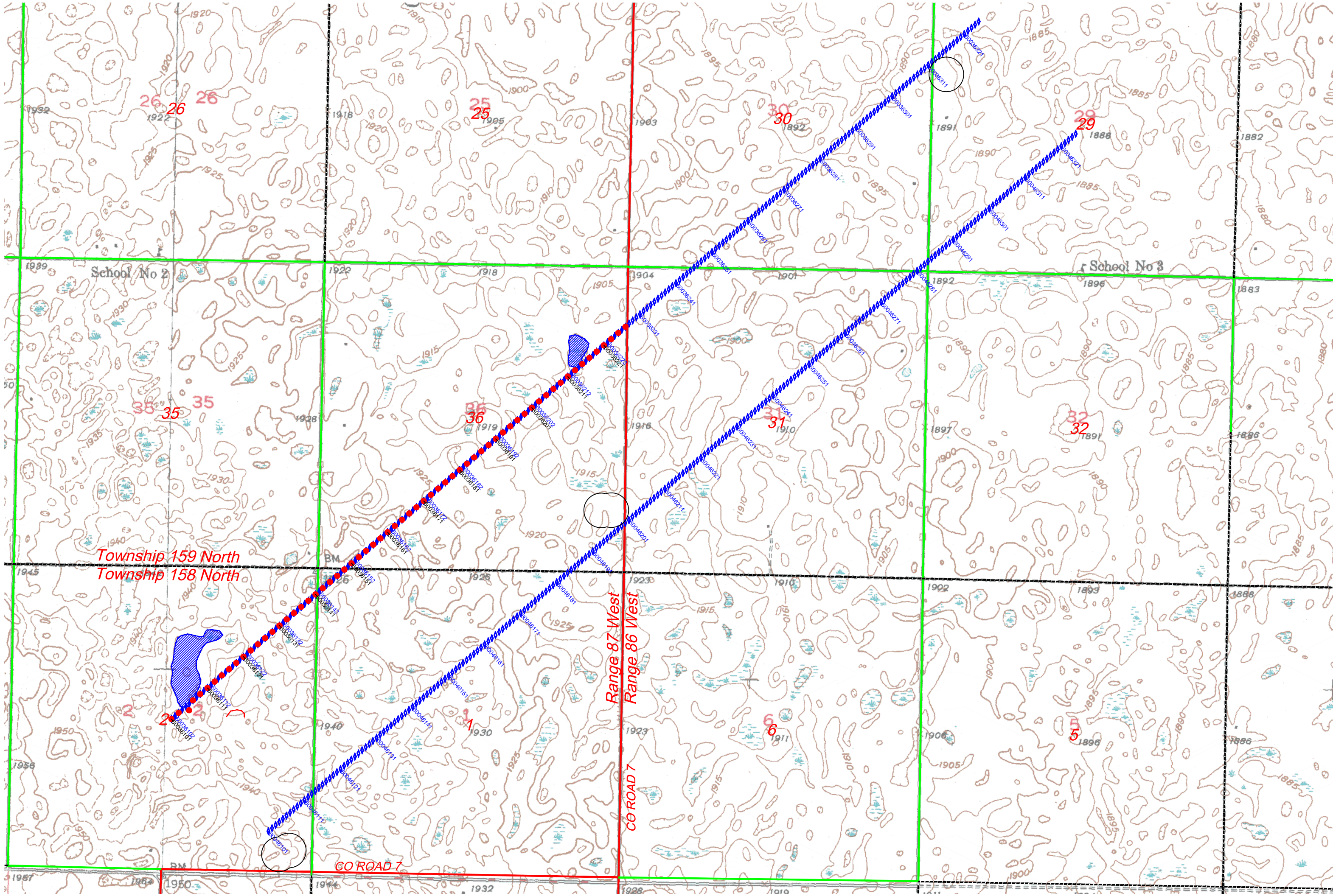
Dear Ms. Smestad:

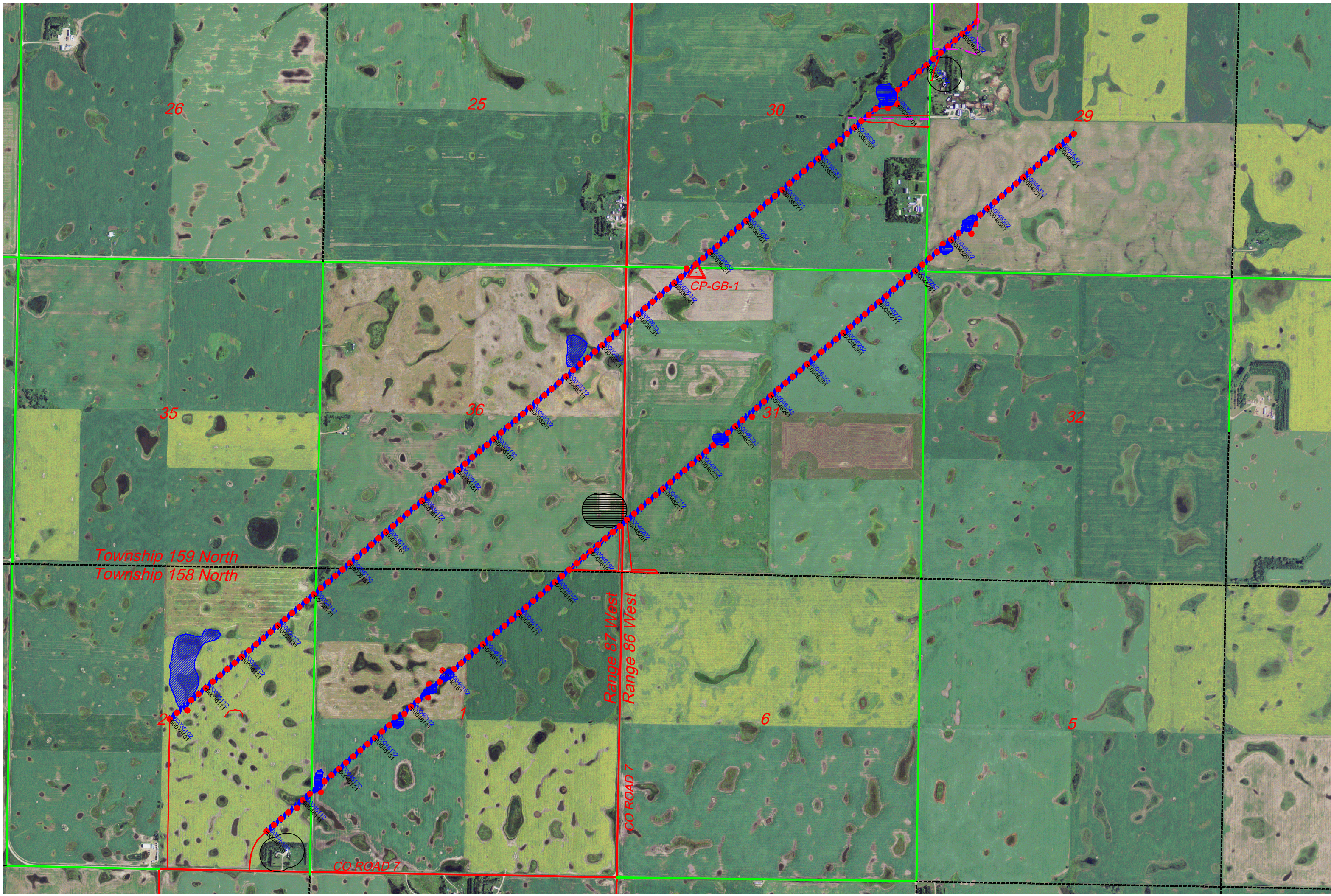
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Should you have any questions, please contact our office.

Sincerely,

Todd L. Holweger  
Mineral Resources Permit Manager





-----Original Message-----

From: MUNOS, CY I GS-09 USAF AFGSC 91 MMXS/MMXSFK [<mailto:cy.munos@us.af.mil>]  
Sent: Thursday, December 12, 2013 7:04 AM  
To: Travis Cundiff  
Subject: RE: Shape files

That's perfect, were not going to come out and flag our cable. The closest point is 40ft away. Let us know when you start just so we can let other personnel know. Thanks.

Cy

-----Original Message-----

From: Travis Cundiff [<mailto:travis.cundiff@ecs-gps.com>]  
Sent: Wednesday, December 11, 2013 9:31 AM  
To: MUNOS, CY I GS-09 USAF AFGSC 91 MMXS/MMXSFK  
Subject: RE: Shape files

Cy,

Attached are updated shape files. We have moved the line that was going through your site.

Travis Cundiff  
Senior Project Manager  
Erickson Contract Surveying, Inc.

Mobile: 406-480-1463  
Office: 406-482-6606  
Email: [travis.cundiff@ecs-gps.com](mailto:travis.cundiff@ecs-gps.com)

-----Original Message-----

From: MUNOS, CY I GS-09 USAF AFGSC 91 MMXS/MMXSFK [<mailto:cy.munos@us.af.mil>]  
Sent: Tuesday, December 10, 2013 12:58 PM  
To: Travis Cundiff  
Subject: RE: Shape files

Cool, Thanks!

-----Original Message-----

From: Travis Cundiff [<mailto:travis.cundiff@ecs-gps.com>]  
Sent: Tuesday, December 10, 2013 1:57 PM  
To: MUNOS, CY I GS-09 USAF AFGSC 91 MMXS/MMXSFK  
Subject: RE: Shape files

We are out there right now surveying. I will find out when the main crew plans to be in the area and let you know

Travis Cundiff  
Senior Project Manager  
Erickson Contract Surveying, Inc.

Mobile: 406-480-1463  
Office: 406-482-6606  
Email: [travis.cundiff@ecs-gps.com](mailto:travis.cundiff@ecs-gps.com)

-----Original Message-----

From: MUNOS, CY I GS-09 USAF AFGSC 91 MMXS/MMXSFK [<mailto:cy.munos@us.af.mil>]  
Sent: Tuesday, December 10, 2013 6:54 AM  
To: Travis Cundiff  
Subject: RE: Shape files

Travis,

Thanks for the files. The only issue we have is our missile site in sec 36. I've attached a map. We would want you to stay at least 300ft from the fence of the missile site also could you please let us know when the work will be taking place so we can let other offices know of the activity in the area. Thanks.

Cy Munos  
USAF, Cable Affairs  
Minot AFB, ND  
701-723-6053  
DSN: 453-6053  
Cell: 701-720-8274

-----Original Message-----

From: Travis Cundiff [<mailto:travis.cundiff@ecs-gps.com>]  
Sent: Monday, December 09, 2013 8:23 PM  
To: MUNOS, CY I GS-09 USAF AFGSC 91 MMXS/MMXSFK  
Subject: Shape files

Cy,

Attached are the shape files. This job is a little different from the usual ones we do. We are surveying every station where they are planned. When it comes to stations on or too close to utilities, we just won't shake the stations you guys tell us not too. There will still be cables and geophones there for recording purposes, but we will not shake the ones you guys specify.

Travis Cundiff

Senior Project Manager

Erickson Contract Surveying, Inc.

Mobile: 406-480-1463

Office: 406-482-6606

Email: [travis.cundiff@ecs-gps.com](mailto:travis.cundiff@ecs-gps.com)